



# TENNESSEE DEPARTMENT OF EDUCATION

DIVISION OF CAREER AND TECHNICAL EDUCATION

## Programs of Study for 2013-2014 Academic Year

For more information on the specific courses, please visit our career cluster webpage at [http://tn.gov/education/cte/Career\\_Clusters/Career\\_Clusters.shtml](http://tn.gov/education/cte/Career_Clusters/Career_Clusters.shtml).

## Agriculture, Food, & Natural Resources

Program of Study	Level 1	Level 2	Level 3	Level 4
<b>Veterinary Science</b>	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Small Animal Care 5958	Livestock Management 5962 -or- Horse Science 5955	Veterinary Science 5961
	Supervised Agricultural Experience 5964			
<b>Animal Production</b>	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Advanced Principles of Agriculture Sciences 5948	Livestock Management 5962	Animal Bio- Technology 5967
	Supervised Agricultural Experience 5964			
<b>Power, Structures, and Technical Systems</b>	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Agriculture Mechanics and Maintenance 5944	Agriculture Power and Equipment 5945	Agricultural Engineering 5963
	Supervised Agricultural Experience 5964			



<b>Agribusiness</b>	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Leadership Communications 5956	Agricultural Sales and Marketing 5946	Agricultural Business Finance 5943 -or- Agricultural Economics 5965
	Supervised Agricultural Experience 5964			
<b>Environmental and Natural Resource Systems</b>	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Forestry Management 5953	Wildlife Management and Recreation 5959	Plant and Soil Science 5950
	Supervised Agricultural Experience 5964			
<b>Landscaping and Turf Science</b>	Agriscience 5957 -or- Principles of Horticulture Sciences 5966	Landscaping and Turf Management 5951	Greenhouse Management 5954	Plant Bio- Technology 5960
	Supervised Agricultural Experience 5964			
<b>Horticulture Production</b>	Agriscience 5957 -or- Principles of Horticulture Sciences 5966	Aquaculture / Hydroponics 5949 -or- Floral Design 5952	Greenhouse Management 5954	Plant Bio- Technology 5960
	Supervised Agricultural Experience 5964			
<b>Applied Horticulture Technology</b>	Agriscience 5957 -or- Principles of Horticulture Sciences 5966	Agriculture Mechanics and Maintenance 5944	Landscaping and Turf Management 5951	Agricultural Business / Finance 5943
	Supervised Agricultural Experience 5964			



Agriculture Education	Agriscience 5957 -or- Principles of Agriculture Sciences 5947	Advanced Principles of Agriculture Sciences 5948	Leadership Communications 5956	Plant and Soil Science 5950
	Supervised Agricultural Experience 5964			

**NOTES:**

1. The word "**or**" signifies that credit can be earned toward the fulfillment of the Program of Study in either course, but not both.
2. Agriscience satisfies the laboratory science credit requirement.
3. Supervised Agricultural Experience (SAE) is the work-based learning component for AFNR. Students with an approved SAE can earn ½ credit each year (maximum of 2 credits) with at least 180 documented hours of SAE work experience.